REMARKS

Claims 1-11 are pending in the application. Claims 3-8 are deemed allowable.

Claims 1, 2, 9 and 11 are rejected under 35 U.S.C. § 102 as being anticipated by Baissus.

Claim 10 is rejected under 35 U.S.C. § 103 as being unpatentable over Baissus.

Claims 1 and 11 has been amended herein. Reconsideration of the rejections are respectfully requested for at least the following reasons:

With regard to claim 1, it is asserted in the Office Action that Baissus teaches resetting the second synchronized word detecting window in col. 9, lines 27-31. The Office Action further argues that Fig. 15, box UW detection, indicates the window can be reset.

First, in col. 9, lines 27-31 it is respectfully submitted there is no teaching concerning resetting the second window relative to the first window.

With regard to Fig. 15, box UW detection, col. 9, lines 32-35 state "[A]t the end of the time acquisition, during phase F, the state machine waits for UW detection. If, after a certain time, the UW field has still not been detected, the state machine is reset to zero."

This portion of the specification confirms what Fig. 15 shows, namely that if there is no UW detection, the entire state machine is set to zero. There is no teaching of resetting the second window relative to the first window.

It is respectfully submitted that nowhere does Baissus teach resetting the second window relative to the first window.

Further, applicant's claim 1 recites: "a second means for generating a second synchronized word detecting window, which covers the position of the synchronized word within the first synchronized word detecting window"

Baissus does not suggest the device and method in which the second synchronized word detecting window covers the position of the synchronized word within the first synchronized word detecting window and is within the same time period as the first synchronized word detecting window.

Nor does Baissus even suggest the concept of the synchronized word detecting window.

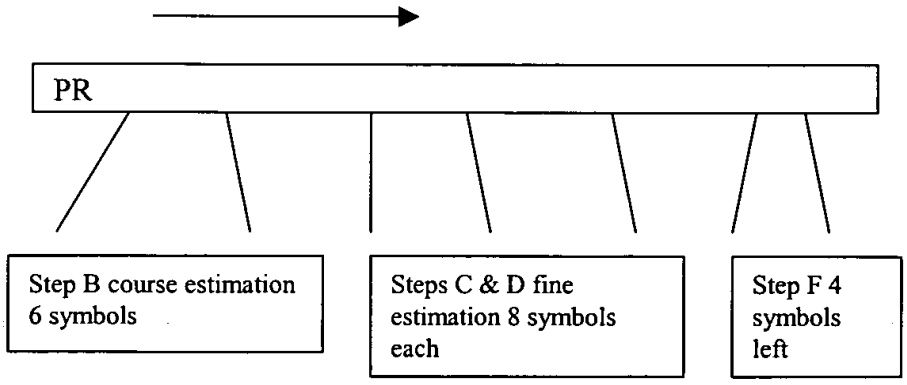
In Baissus column 9, lines 4-27 indicates detection of PR (preamble) in the data interval as shown in Fig. 2 according to the flow of Fig. 15.

Fig. 15 indicates there are the coarse estimation step B and three steps C, D and E for the fine estimation. During the time period over the preamble, PR the coarse estimation step B is performed over six symbols to identify a false packet detection.

Then, at the fine estimation step C, firstly a noise estimate is made over first eight symbols. After the fine estimation step C, the fine estimate is made during the fine estimation step D over eight other symbols to estimate noise. Col. 9, lines 10-20 of Baissus.

The fine estimation step E is made over four symbols of the synchronization field, (that is the period of PR) which are normally left in order, to improve the accuracy of the fine estimate.

It is, therefore clear that the four symbols of the synchronization field are not within the six symbols, which are subject to the coarse estimation step B, as shown in the following diagram for understanding:



Baissus fails to indicate the generating of a second synchronized word detecting window, which covers the position of the synchronized word within the first synchronized detecting window as defined in claim 1.

In the Office Action it is further noted that Baissus teaches stopping the synchronization process for the time if noise is detected. However applicant's independent claims 1, 9 and 10 define the position of the second synchronized word detecting window is reset under a predetermined condition, while Baissus teaches stopping the synchronization process for the time if noise is detected.

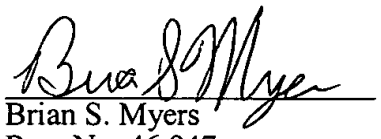
With regard to applicant's claim 11, a position of the second synchronized word detecting window is set, based on the detection of the synchronized word in the first synchronized word detecting. In addition, claim 11 is defined as having the limitation of "detecting the synchronized word in the set second synchronized word detecting window at a subsequent frame".

This is also not suggest by Baissus as shown by the above diagram.

In view of the remarks set forth above this application is in condition for allowance, which action is respectfully solicited. However, if for any reason the Examiner should consider this application not to be in condition for allowance the Examiner is respectfully requested to telephone the undersigned attorney at the number listed below prior to issuing a further action.

Any fee due with this paper may be charged to Deposit Account No. 50-1290.

Respectfully submitted,



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